

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091275.D
 Acq On : 21 Nov 2015 13:40
 Operator : UM/NP
 Sample : G4346-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J70

Manual Integrations
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 11/23/2015 2:14:22 PM

Quant Time: Nov 22 01:45:40 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:30:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3169	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.55	136	15424	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	7571	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	18849	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	22967	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	23543	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.95	96	10578	4.64	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.06	152	2300	0.11	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	5746	0.11	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.59	128	1989	0.05	ng/ul#	87
7) 2-Methylnaphthalene	11.13	142	732	0.03	ng/ul	97
9) Acenaphthylene	13.11	152	12087	0.32	ng/ul	99
10) Acenaphthene	13.42	153	869	0.03	ng/ul#	81
13) Pentachlorophenol	15.85	266	288	0.16	ng/ul	91
14) Phenanthrene	16.11	178	195838	0.90	ng/ul	98
15) Anthracene	16.20	178	49488m	0.25	ng/ul	
17) Fluoranthene	18.09	202	446081	1.75	ng/ul	89
19) Pyrene	18.47	202	520266	1.99	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	50284	0.85	ng/ul	96
21) Chrysene	20.26	228	78909	1.16	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	51356	0.70	ng/ul	96
24) Benzo(k)fluoranthene	21.58	252	57594	0.76	ng/ul	95
25) Benzo(a)pyrene	22.01	252	59177	0.87	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.70	276	149497	0.52	ng/ul#	91
28) Benzo(a,h,i)perylene	24.25	276	163818	0.55	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

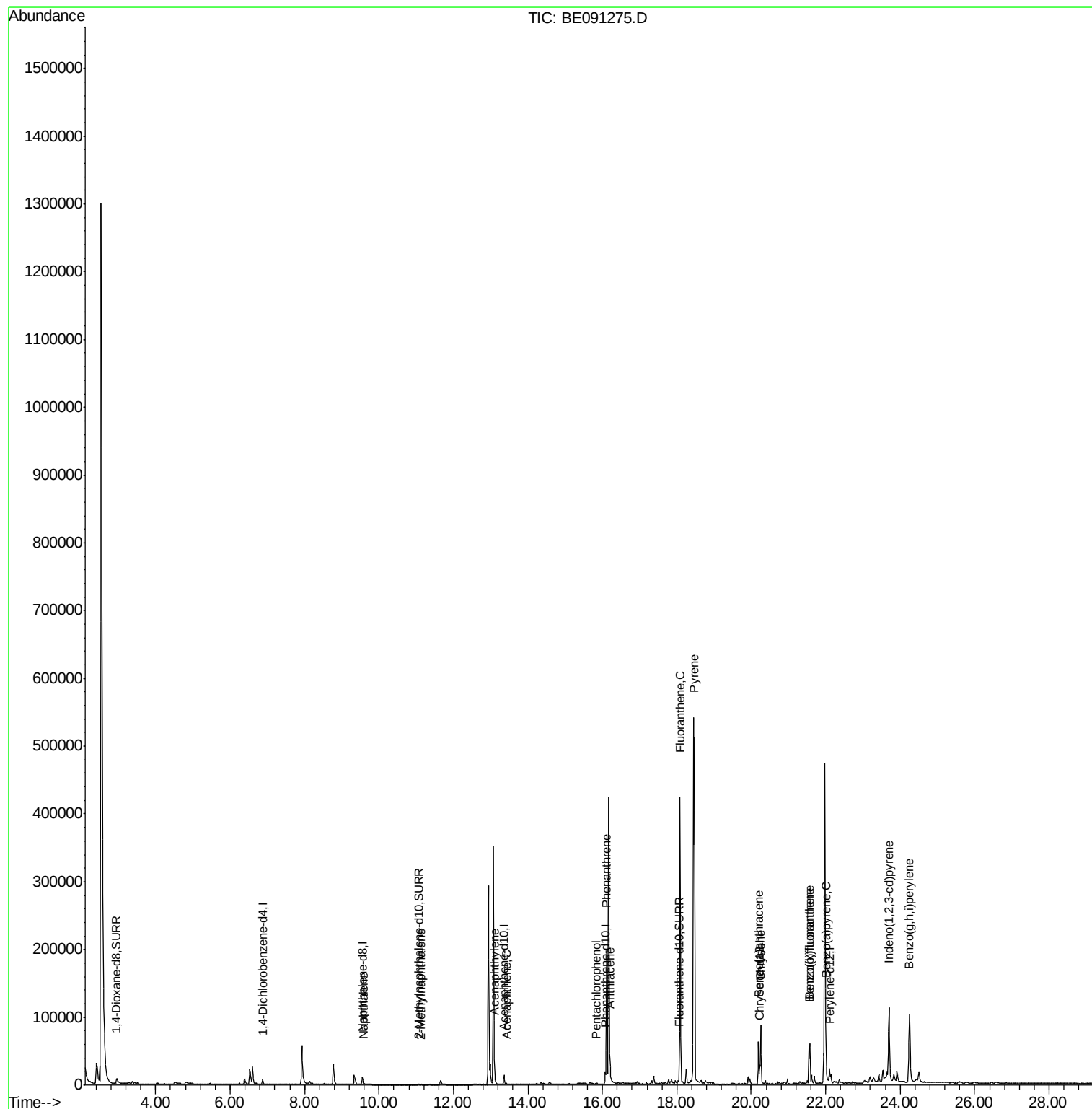
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091275.D
Acq On : 21 Nov 2015 13:40
Operator : UM/NP
Sample : G4346-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

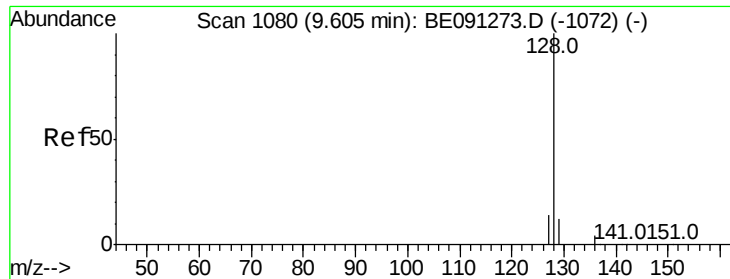
Instrument :
BNA_E
ClientSampleId :
A4J70

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Quant Time: Nov 22 01:45:40 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:30:49 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091275.D

Acq: 21 Nov 2015 13:40

Instrument :

BNA_E

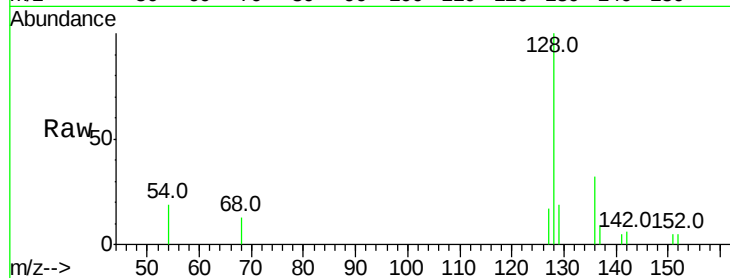
ClientSampleId :

A4J70

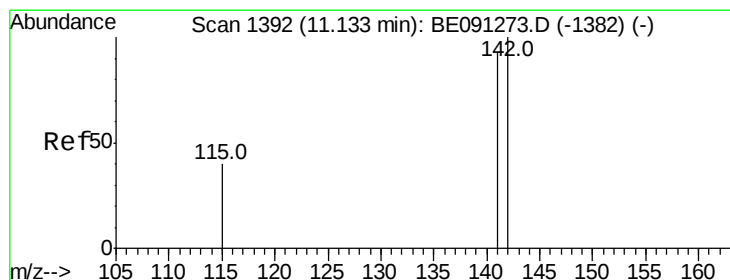
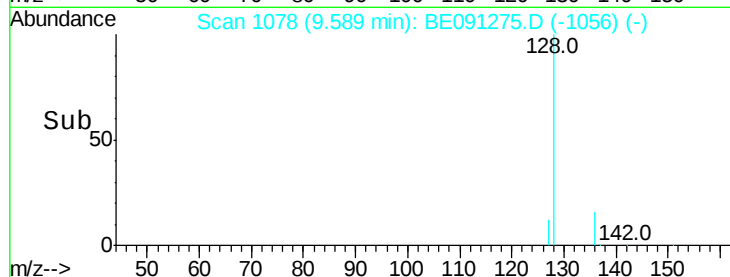
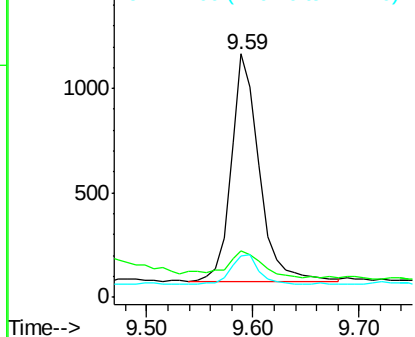
Tot Ion:	128	Resp:	1989
Ion Ratio	Lower	Upper	
128	100		
129	18.9	9.8	14.8#
127	17.1	10.7	16.1#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

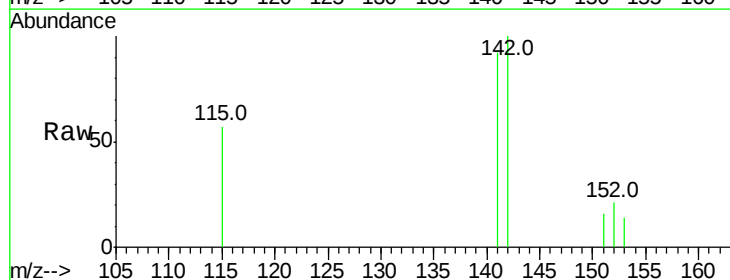
RT: 11.13 min Scan# 1392

Delta R.T. 0.00 min

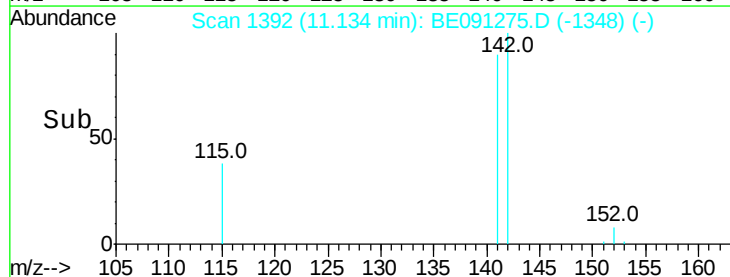
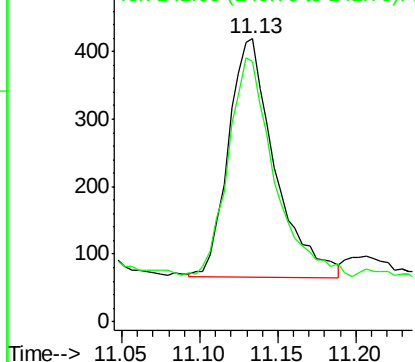
Lab File: BE091275.D

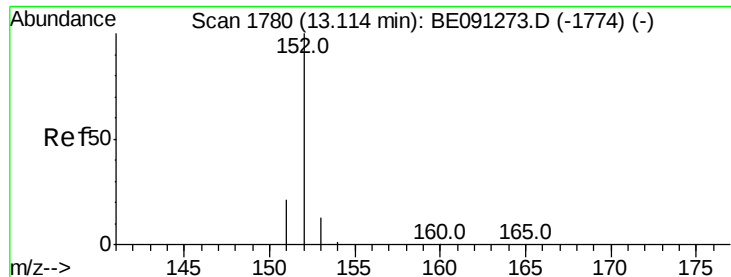
Acq: 21 Nov 2015 13:40

Tgt Ion:	142	Resp:	732
Ion Ratio	Lower	Upper	
142	100		
141	90.7	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.32 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091275.D

Acq: 21 Nov 2015 13:40

Instrument :

BNA_E

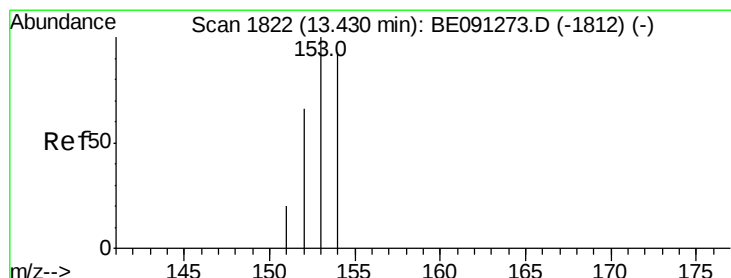
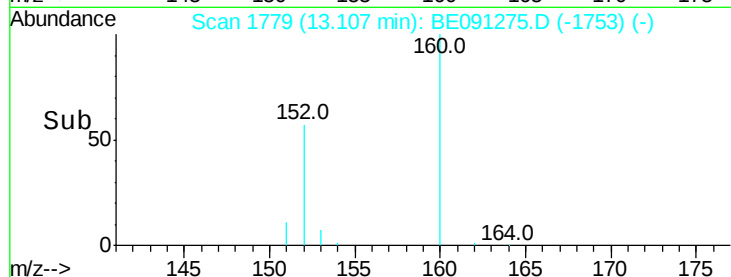
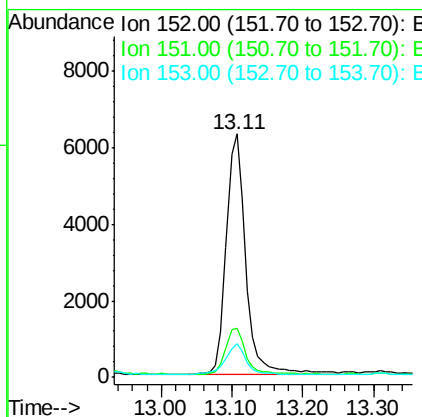
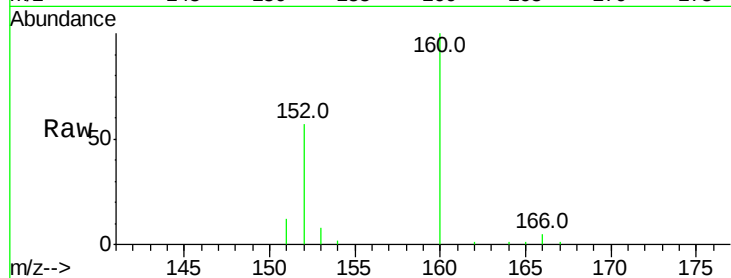
ClientSampleId :

A4J70

Tot Ion:	152	Resp:	12087
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.8	25.2
153	13.8	11.3	16.9

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#10

Acenaphthene

Concen: 0.03 ng/ul

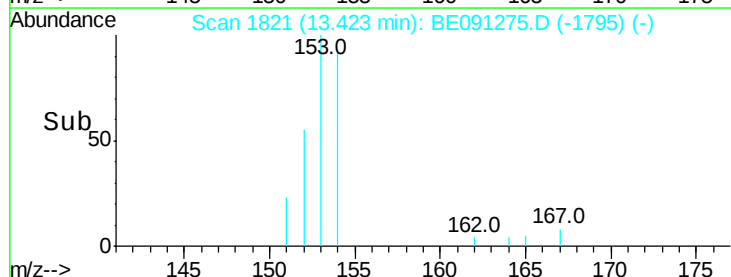
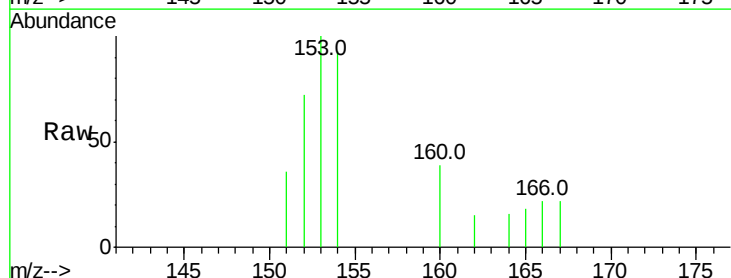
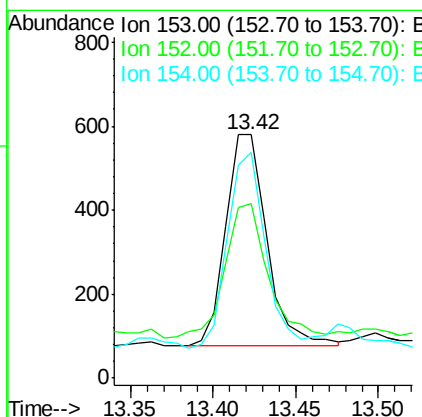
RT: 13.42 min Scan# 1821

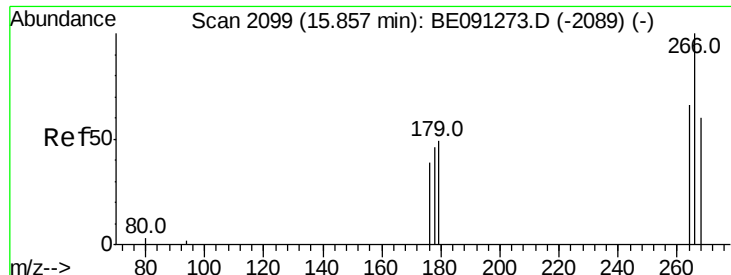
Delta R.T. -0.01 min

Lab File: BE091275.D

Acq: 21 Nov 2015 13:40

Tgt Ion:	153	Resp:	869
Ion Ratio	Lower	Upper	
153	100		
152	71.9	42.3	63.5#
154	92.8	64.7	97.1





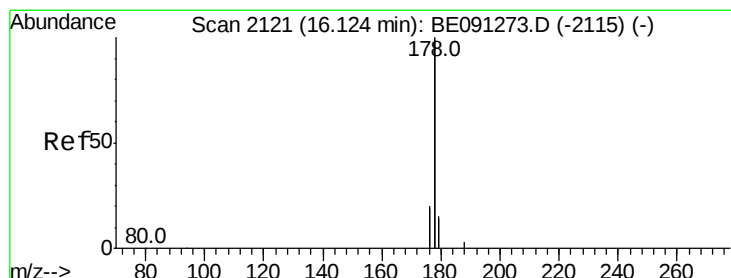
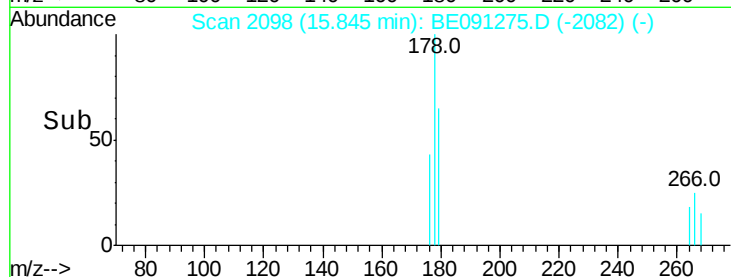
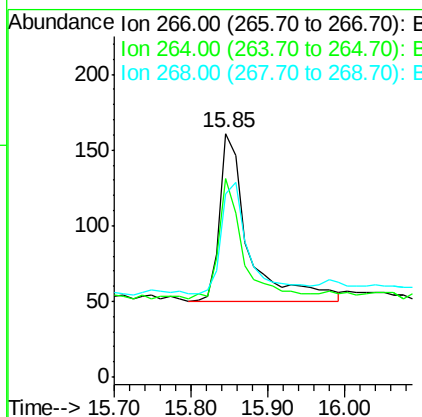
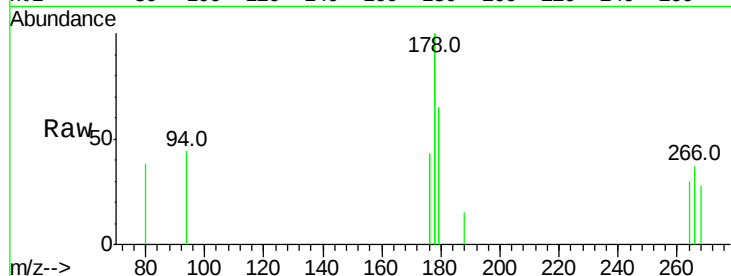
#13
 Pentachlorophenol
 Concen: 0.16 ng/ul
 RT: 15.85 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BE091275.D
 Acq: 21 Nov 2015 13:40

Instrument :
 BNA_E
 ClientSampleId :
 A4J70

Tot Ion	Ratio	Lower	Upper
266	100		
264	55.6	53.5	80.3
268	63.9	54.2	81.2

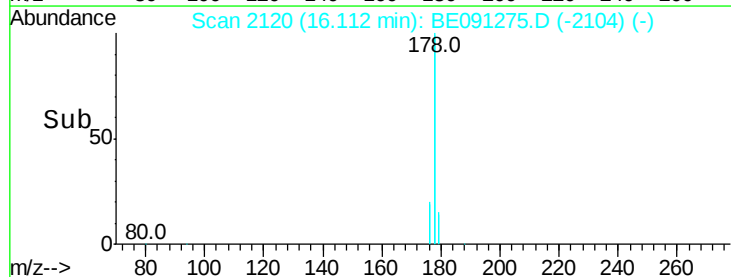
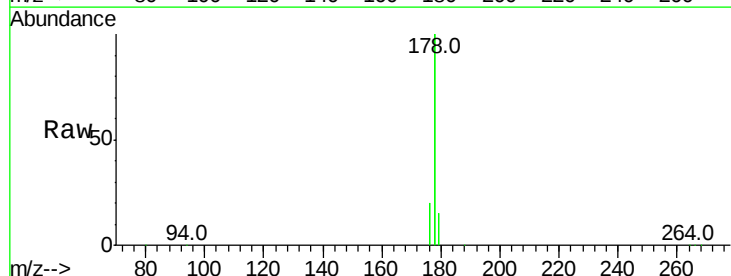
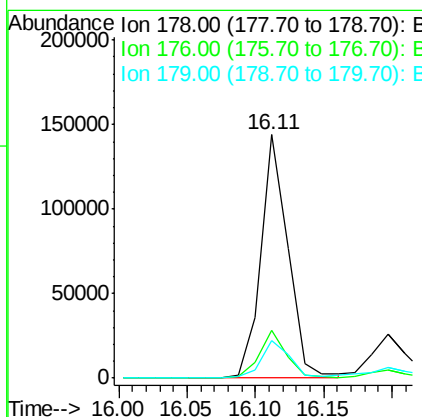
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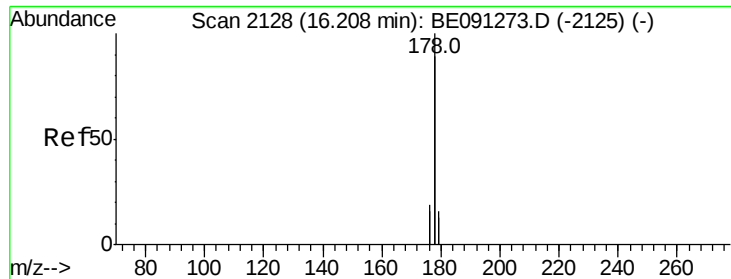
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#14
 Phenanthrene
 Concen: 0.90 ng/ul
 RT: 16.11 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE091275.D
 Acq: 21 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.2	12.8	19.2





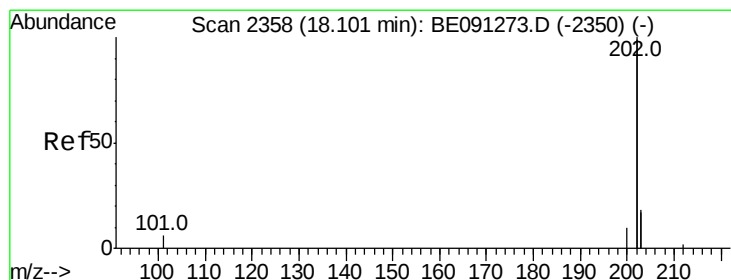
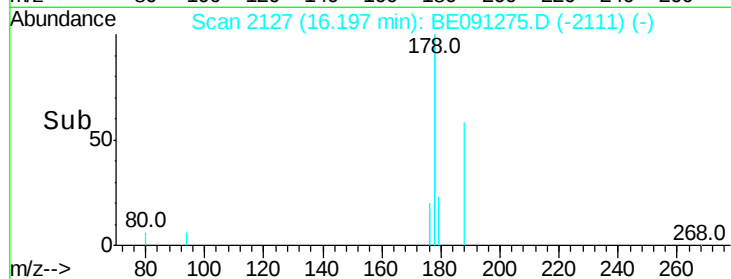
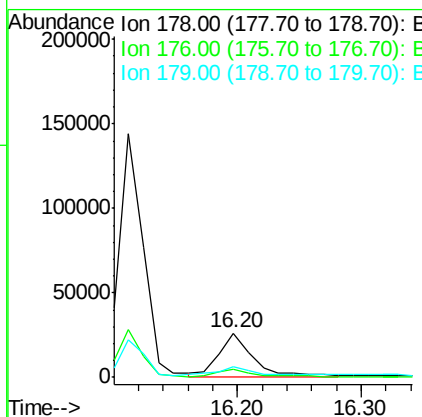
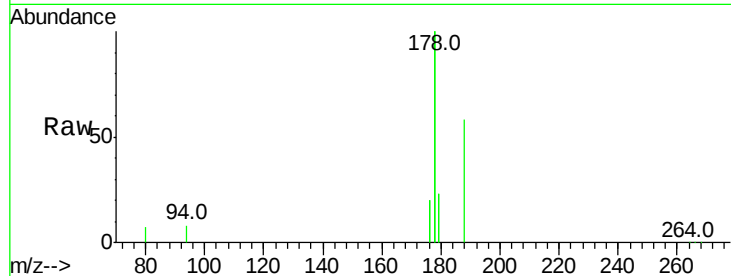
#15
 Anthracene
 Concen: 0.25 ng/ul m
 RT: 16.20 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE091275.D
 Acq: 21 Nov 2015 13:40

Instrument :
 BNA_E
 ClientSampleId :
 A4J70

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	23.0	13.3	19.9

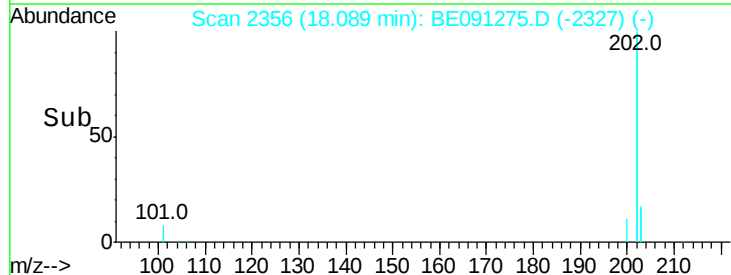
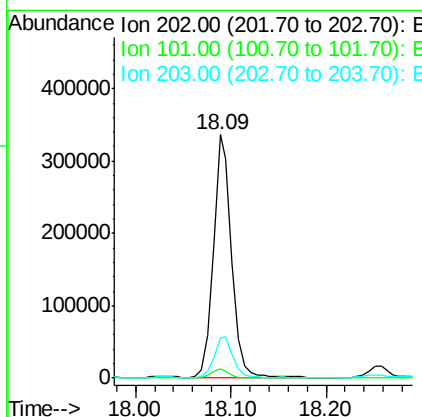
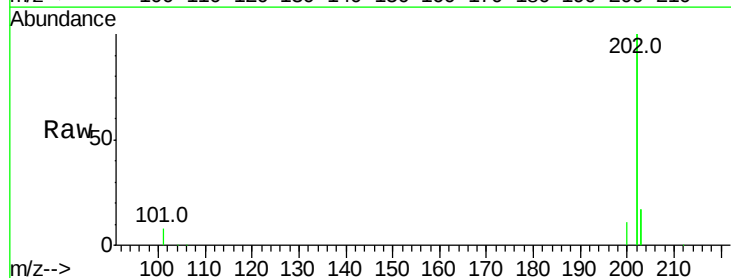
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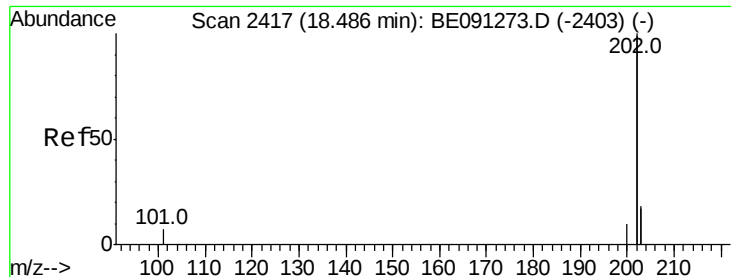
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#17
 Fluoranthene
 Concen: 1.75 ng/ul
 RT: 18.09 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BE091275.D
 Acq: 21 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	33.1
203	16.7	0.0	37.2





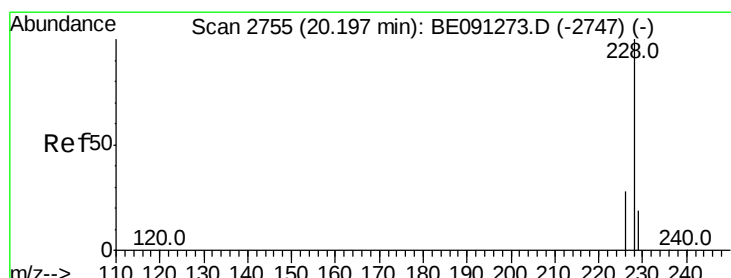
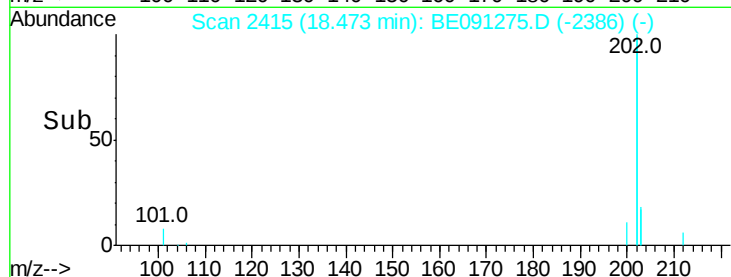
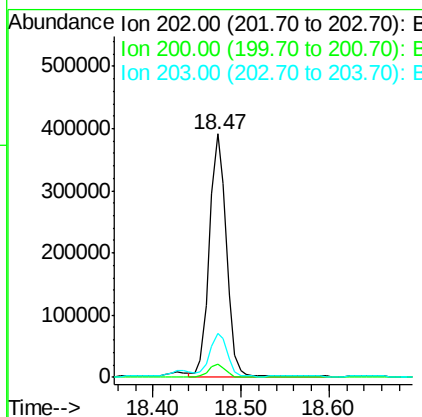
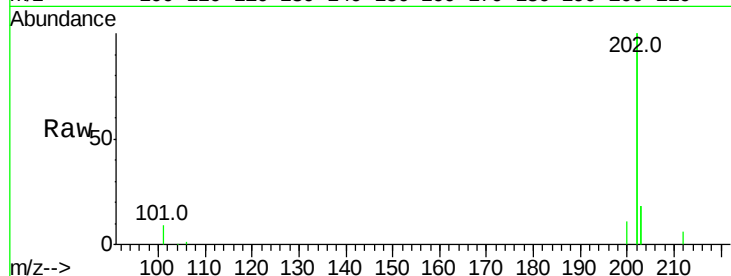
#19
Pvrene
Concen: 1.99 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091275.D
Acq: 21 Nov 2015 13:40

Instrument :
BNA_E
ClientSampleId :
A4J70

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	18.1	13.8	20.6

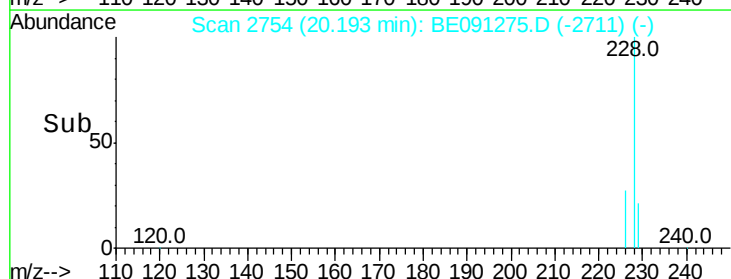
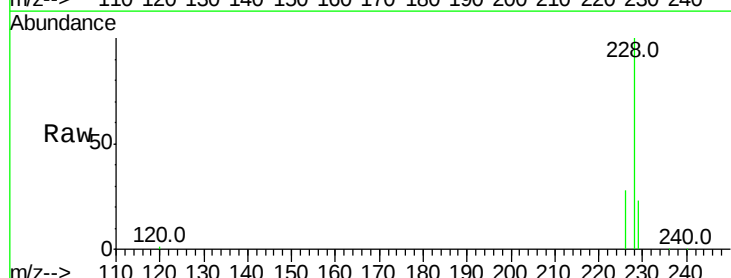
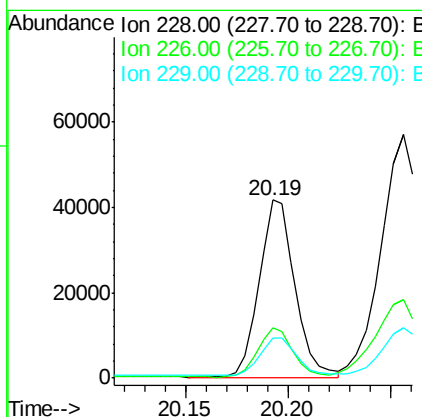
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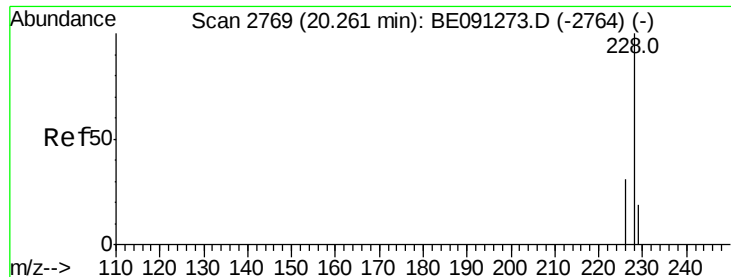
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#20
Benzo(a)anthracene
Concen: 0.85 ng/ul
RT: 20.19 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE091275.D
Acq: 21 Nov 2015 13:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.2	23.0	34.4
229	22.6	15.2	22.8





#21

Chrysene

Concen: 1.16 ng/ul

RT: 20.26 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BE091275.D

Acq: 21 Nov 2015 13:40

Instrument :

BNA_E

ClientSampleId :

A4J70

Tot Ion:228 Resp: 78909

Ion Ratio Lower Upper

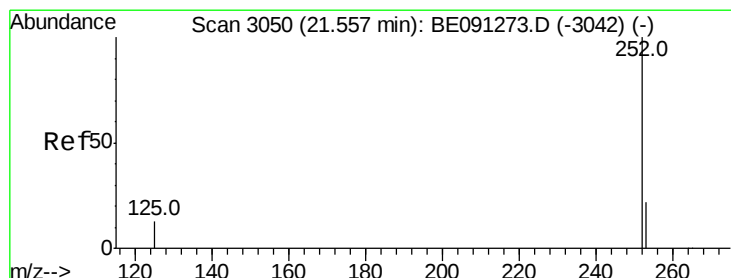
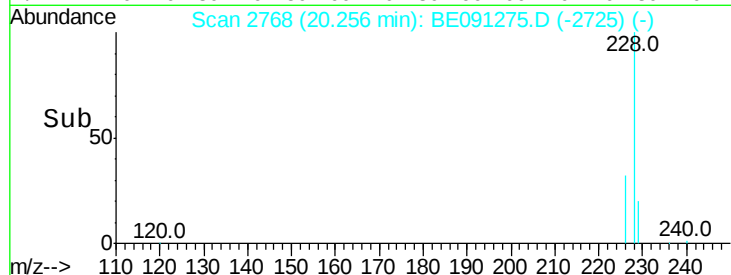
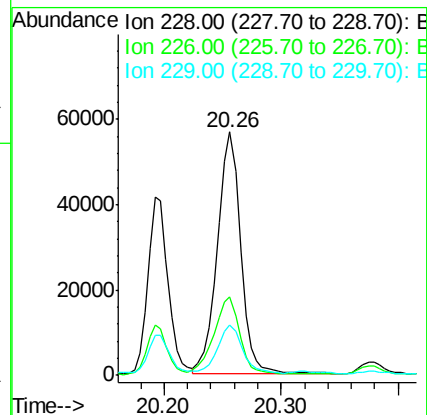
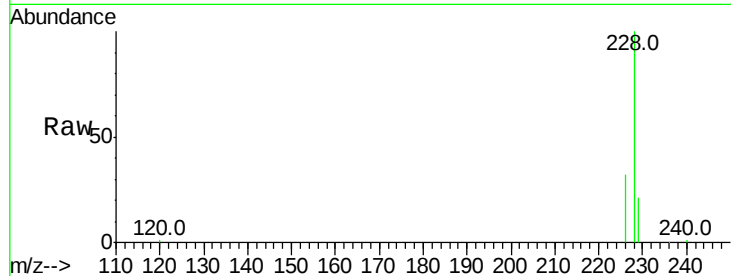
228 100

226 32.4 25.7 38.5

229 20.6 15.2 22.8

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 0.70 ng/ul

RT: 21.55 min Scan# 3049

Delta R.T. -0.00 min

Lab File: BE091275.D

Acq: 21 Nov 2015 13:40

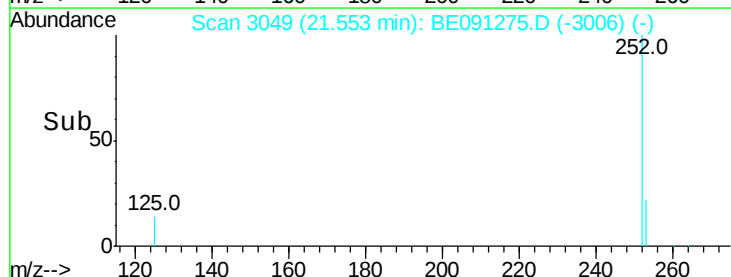
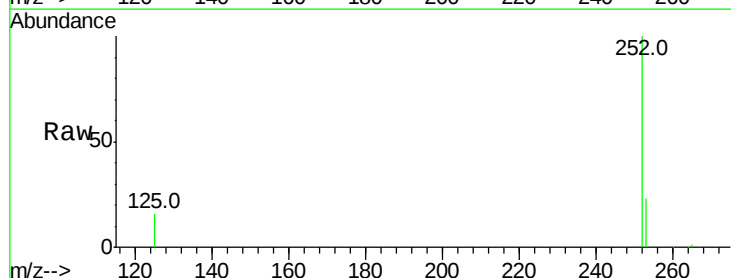
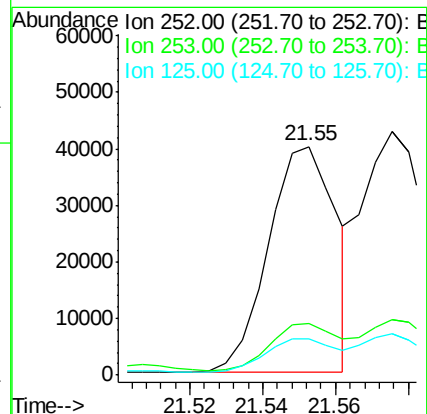
Tgt Ion:252 Resp: 51356

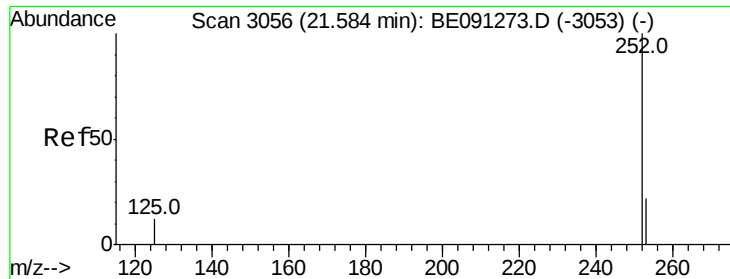
Ion Ratio Lower Upper

252 100

253 22.7 0.0 48.0

125 15.7 0.0 36.6





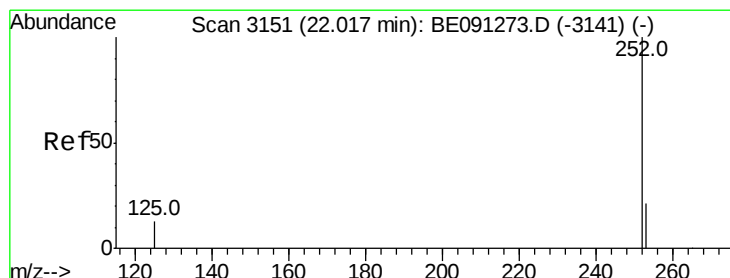
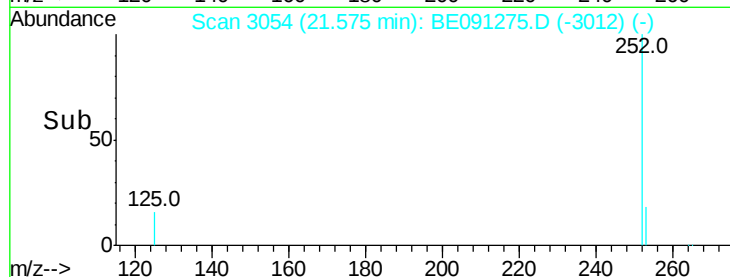
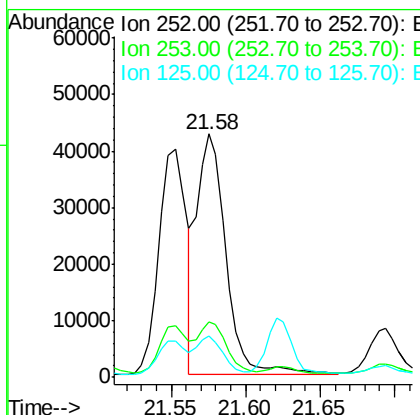
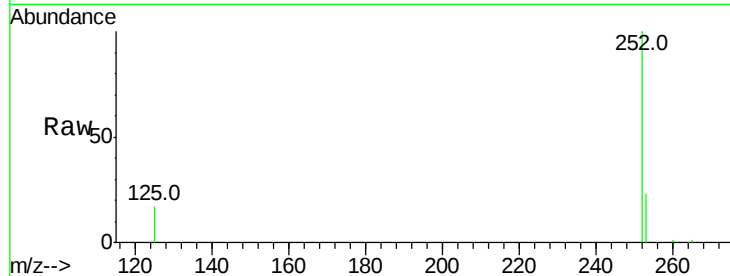
#24
Benzo(k)fluoranthene
Concen: 0.76 ng/ul
RT: 21.58 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BE091275.D
Acq: 21 Nov 2015 13:40

Instrument :
BNA_E
ClientSampleId :
A4J70

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.8	31.2
125	17.0	12.2	18.4

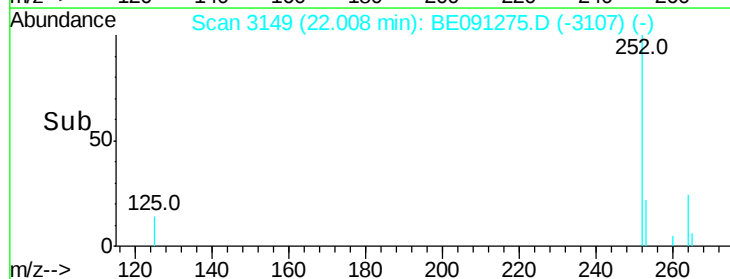
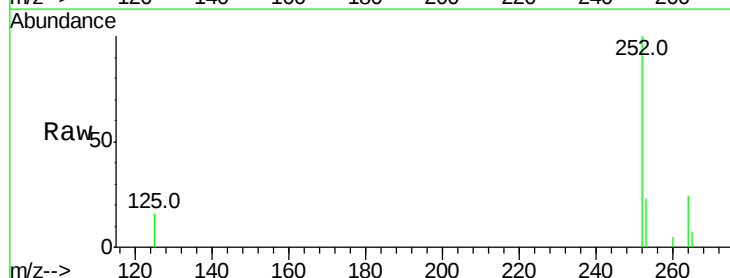
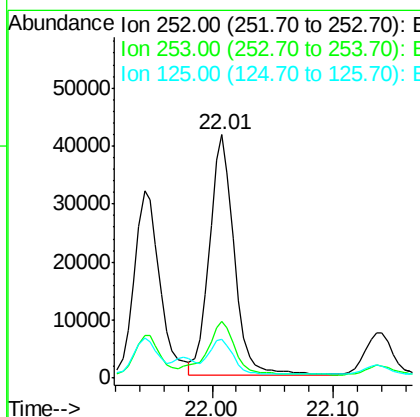
Manual Integrations
APPROVED

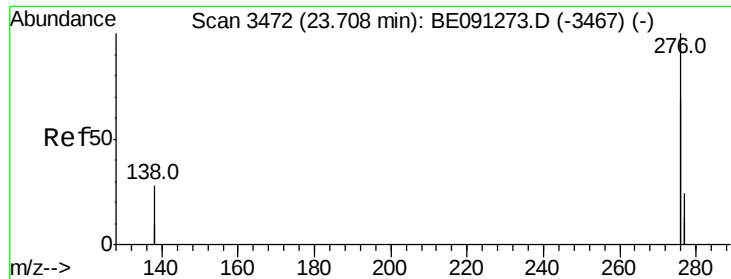
Mmdadoda
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#25
Benzo(a)pyrene
Concen: 0.87 ng/ul
RT: 22.01 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BE091275.D
Acq: 21 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.8	32.8
125	16.0	14.5	21.7





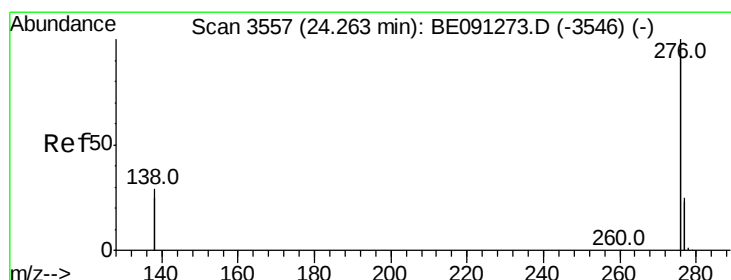
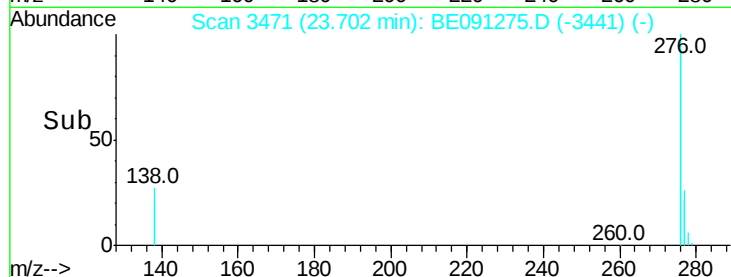
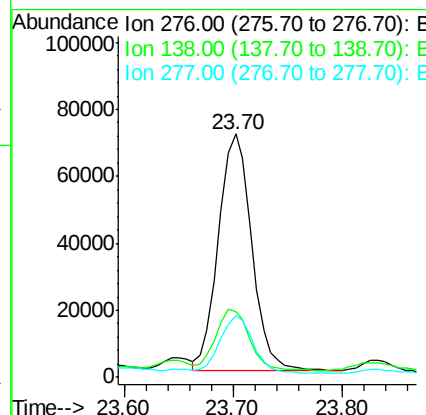
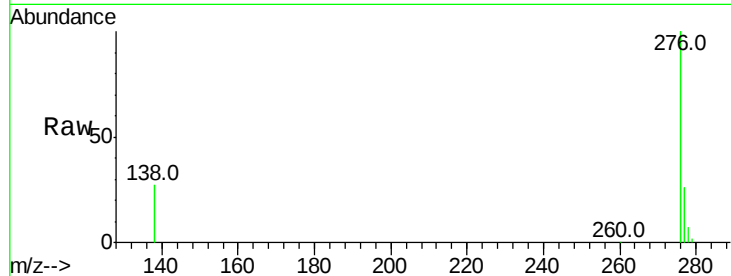
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.52 ng/ul
 RT: 23.70 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BE091275.D
 Acq: 21 Nov 2015 13:40

Instrument :
 BNA_E
 ClientSampleId :
 A4J70

Tot Ion	Ratio	Resp	Lower	Upper
276	100	149497		
138	25.9	27.5	41.3#	
277	23.9	19.3	28.9	

Manual Integrations
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#28
 Benzo(g,h,i)perylene
 Concen: 0.55 ng/ul
 RT: 24.25 min Scan# 3555
 Delta R.T. -0.01 min
 Lab File: BE091275.D
 Acq: 21 Nov 2015 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	163818		
277	24.8	21.3	31.9	
138	30.6	25.5	38.3	

